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**Shades of Seattle
Fales Road Dump Site
Trip Report
Snohomish County, Washington**

TDD: 99-09-0007

Contract: 68-W6-0008
August 2000

Region 10
START

Superfund Technical Assessment and Response Team

Submitted to: Jeff Rodin, On-Scene Coordinator
U.S. Environmental Protection Agency
1200 Sixth Avenue
Seattle, WA 98101



ecology and environment, inc.

International Specialists in the Environment

1500 Wells Fargo Center, 999 Third Avenue, Seattle, Washington 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

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TRIP REPORT

DATE: August 31, 2000
TO: Jeff Rodin, On-Scene Coordinator, EPA, Seattle, WA
FROM: Dave Byers, Project Manager, E & E, Seattle, WA
SUBJ: Shades of Seattle Paint Company, Fales Road Dump Site, Trip Report
REF: Contract No.: 68-W6-0008
TDD No.: 99-09-0007

Place Visited:

Intersection of Fales Road and Highway 522 (Latitude 47°48.87' North; Longitude 122°04.697' West), Snohomish County, Washington.

Purpose of Trip:

Investigate the report of abandoned paint-related wastes located behind an unoccupied residence at the intersection of Fales Road and Highway 522 in Snohomish County, Washington. The investigation consisted of evaluating and recording conditions at the site through photographic documentation, sample collection, and hazard categorization. After evaluating and recording conditions at the site, the Superfund Technical Assessment and Response Team (START) was tasked to provide for minor containment, transportation, and disposal of the paint-related wastes.

Persons Responding:

David Byers - Project Manager
Alan Jensen - Site Safety Officer
Ecology & Environment, Inc.
Seattle, Washington

Colin Potts
Butch Underwood
Mark Gregory
Foss Environmental
Seattle, Washington

Jeff Rodin - On-Scene Coordinator
Mike Burnette - Criminal Investigation Division
United States Environmental Protection Agency
Seattle, Washington

Date(s) of Trip:

September 24, 1999

BACKGROUND

In September 1999, the Region 10 United States Environmental Protection Agency (EPA), tasked Ecology & Environment, Inc. (E & E) under the START contract (68-W6-0008) Technical Direction Document (TDD) Number 99-09-0007 to conduct a removal assessment and provide minor containment of abandoned containers of potentially hazardous materials at the Shades of Seattle, Fales Road Dump Site located in Snohomish County, Washington. The person responsible for dumping similar containers around Seattle and Washington State informed the EPA that he had abandoned approximately fifty 2.5-gallon containers of paint-related waste behind an unoccupied residence located at the intersection of Fales Road and Highway 522.

START ACTIONS

Two START members arrived at the scene at 0950 hours on September 24, 1999. Fifty-two 2.5-gallon white plastic containers had been dumped among blackberry bushes and debris located behind the unoccupied residence. A number of abandonments of paint-related wastes have occurred in other parts of Seattle and Washington State. The paint-related wastes were generally Rodda-brand products with strips of masking tape wrapped around the container. The START confirmed that a majority of the containers at the Fales Road Dump Site had strips of masking tape around them (See Photo 6 in Attachment A). The OSC tasked the START to thoroughly document the site through photographs, assess the potential for release of waste to the environment, secure the containers, and arrange for proper disposal of the containers' contents. Photographs of the response activities are provided in Attachment A.

After conducting a health and safety meeting, the START began recovering the abandoned containers and staging them next to the unoccupied residence. While recovering the abandoned containers, the START noted a strong solvent odor and began air monitoring in the dump areas with a RAE Instruments Multi-RAE photo-ionization detector (PID). The PID detected volatile organic compounds (VOCs) at concentrations exceeding 100 parts per million above background indicating that product had been released to the environment.

Once the abandoned containers were staged, the START inventoried, marked, and recorded the condition of the containers on site. Based on the inventory of the containers, the START estimated that there was approximately 72 gallons of paint-related waste at the site. An inventory of the containers recovered from the site is provided as Attachment B. The OSC then randomly selected five containers for the START to sample for Pensky-Martens flashpoint analysis. All five containers sampled by the START were filled with a colored liquid. The samples were then placed on ice until Pensky-Martens

flashpoint analysis could be performed on them. On September 28, 1999, a START chemist tested the five samples collected at the site for flashpoint per ASTM Standard Method D-93. The results of these tests are provided in Attachment C. The results of the five samples indicated that the containers abandoned at the Fales Road Dump site contained characteristic ignitability criteria hazardous waste as determined by their flashpoints being less than 140 degrees Fahrenheit [40 CFR 261.21 (a)(1)]. Additionally, Sample 2 (Photo 9) was submitted to a commercial laboratory to be analyzed for VOCs using EPA Method 5030/8260B modified method. Analytical results of this sample are attached as Appendix D.

At 1445 hours on September 24, 1999, Foss Environmental, subcontracted by the START, arrived on site and began preparing to transport the paint-related waste off site for proper disposal. Foss Environmental overpacked all of the containers into three 85-gallon drums and one 30-gallon drum. All containers of paint-related waste and investigation derived waste were removed from the site by 1345 hours on September 24, 1999. A copy of the hazardous waste manifest for the materials transported off site is provided as Attachment E.

CONCLUSIONS:

On September 24, 1999, the START responded to a report of abandoned containers located at an unoccupied residence at the intersection of Fales Road and Highway 522 in Snohomish County, Washington. The START recovered, inventoried, and arranged for the off-site transport and disposal of approximately 72 gallons of paint-related waste. Based on air monitoring at the dump site, it would appear that product may have been released to the environment; however, the released material is not recoverable. A START chemist performed Pensky-Martens Closed Cup flashpoint analysis on samples from five of the containers and determined that all of the samples exhibited flammable characteristics as defined by the Resource Conservation and Recovery Act. One sample was submitted to a commercial laboratory for VOC analysis. All of the containers at the site were transported and disposed of off site by Foss Environmental. No further effort is anticipated under this TDD.

ATTACHMENT A

PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPH IDENTIFICATION SHEET

Camera Serial #:

TDD #: 99-09-0007

Lens Type: 35 mm

Site Name: Shades of Seattle
Mill Creek Site

Photo	Date	By	Description
1	9/24/99	DB	The START sampling abandoned containers in staging area.
2	9/24/99	DB	Same as Photo 1.
3	9/24/99	DB	One of the dump areas where containers were found.
4	9/24/99	DB	Another dump area where containers were found.
5	9/24/99	DB	A third dump area where containers were found.
6	9/24/99	DB	All of the containers found at the site staged for transportation and disposal off site. Note the masking tape around several of the containers.
7	9/24/99	DB	An overview of the five samples collected by the START.
8	9/24/99	DB	Closer view of Sample 1.
9	9/24/99	DB	Closer view of Sample 2.
10	9/24/99	DB	Closer view of Sample 3.
11	9/24/99	DB	Closer view of Sample 4.
12	9/24/99	DB	Closer view of Sample 5.
13	9/24/99	DB	Foss Environmental preparing to transport paint-related waste off site for disposal.

DB — David Byers



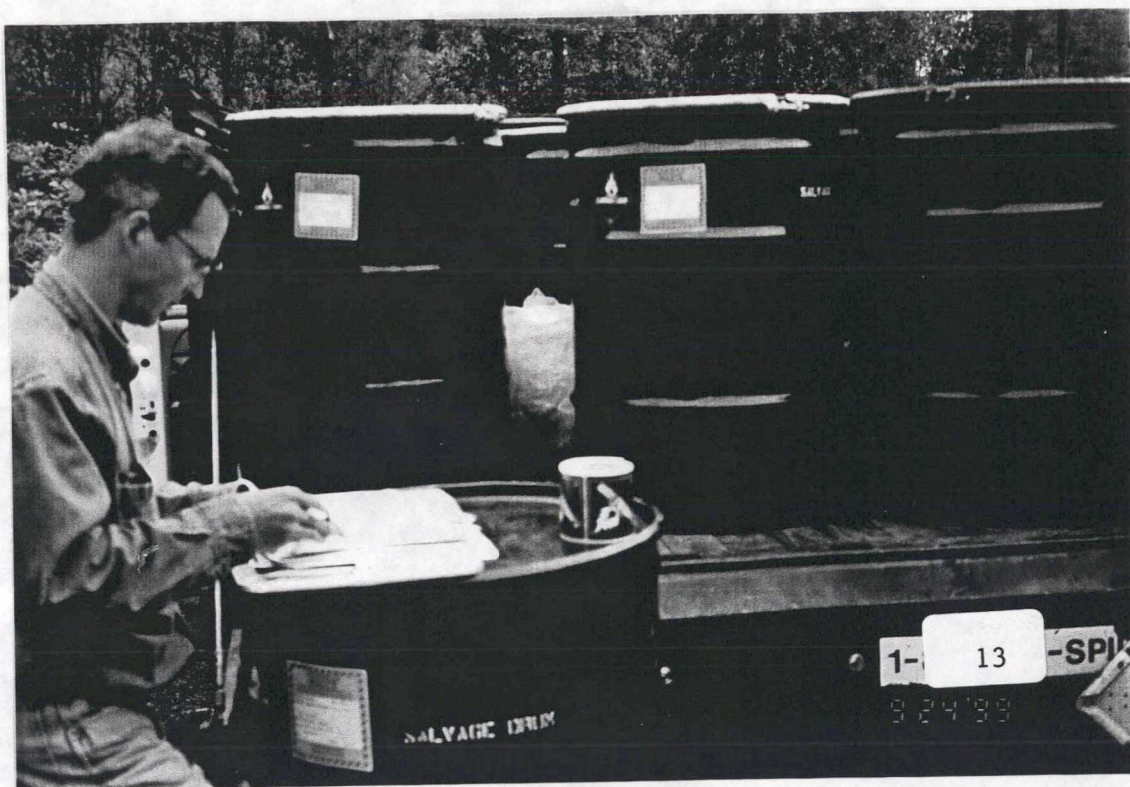












ATTACHMENT B

CONTAINER INVENTORY

Shades of Seattle - Fales Road Site
Container Inventory
September 24, 1999

Container Number	Estimated Percent Full	Volume (gallons)	Sample Number
1	100	2.5	1
2	100	2.5	2
3	100	2.5	3
4	100	2.5	4
5	100	2.5	5
6	50	1.3	
7	75	1.9	
8	25	0.6	
9	12.5	0.3	
10	100	2.5	
11	12.5	0.3	
12	12.5	0.3	
13	12.5	0.3	
14	100	2.5	
15	75	1.9	
16	75	1.9	
17	100	2.5	
18	100	2.5	
19	100	2.5	
20	100	2.5	
21	75	1.9	
22	25	0.6	
23	75	1.9	
24	12.5	0.3	
25	25	0.6	
26	50	1.3	
27	75	1.9	
28	12.5	0.3	
29	5	0.1	
30	100	2.5	
31	50	1.3	
32	5	0.1	
33	50	1.3	
34	100	2.5	
35	50	1.3	
36	25	0.6	
37	25	0.6	
38	25	0.6	
39	100	2.5	
40	75	1.9	
41	75	1.9	
42	12	0.3	
43	100	2.5	
44	25	0.6	
45	25	0.6	
46	50	1.3	
47	0	0.0	
48	25	0.6	
49	12.5	0.3	
50	100	2.5	
51	5	0.1	
52	25	0.6	
Total Volume		71.6	

ATTACHMENT C

PENSKY-MARTENS FLASHPOINT ANALYSIS MEMORANDUM



ecology and environment, inc.

International Specialists in the Environment

1500 First Interstate Center, 999 Third Avenue

Seattle, Washington 98104

Tel: (206) 624-9537, Fax: (206) 621-9832

MEMORANDUM

Date: October 1, 1999

To: Jeff Rodin, On-Scene Coordinator, U.S. Environmental Protection Agency

From: David Byers, Chemist, CHMM, Ecology and Environment, Inc. *DB*

Subj: Pensky-Martens Flash Point Analysis

Ref: TDD: 99-09-0007, Shades of Seattle, Fales Road Dump Site

On September 28, 1999, I performed Pensky-Martens Closed Cup flash point analysis on 5 liquid samples following ASTM method D-93 (96), Procedure A, *manual apparatus*. Descriptions of the samples and their flash points are given below. All samples were collected on September 24, 1999.

Sample Number	Sample Description	Flash** Point °F
1	Light greenish-yellow liquid with slight white precipitate	112
2	Creamy/tan cloudy liquid	108
3	Clear liquid with light white precipitate	<88
4	Cloudy whitish light yellow liquid	<70
5	Creamy/tan cloudy liquid	96
**A "<" symbol prior to the flash point indicates that the sample flashed violently at the ambient temperature. The actual flash point is much lower than the ambient temperature listed. The Flash Point temperatures have been corrected for barometric pressure per ASTM D-93 section 13.		

ATTACHMENT D

VOC ANALYSIS DATA VALIDATION MEMORANDUM



ecology and environment, inc.

International Specialists in the Environment

1500 Wells Fargo Center , 999 Third Avenue
Seattle , Washington 98104
Tel: (206) 624-9537 , Fax: (206) 621-9832

MEMORANDUM

DATE: November 17, 1999

TO: Dave Byers, Project Manager, E & E, Seattle, WA

FROM: Rod Peroff, START-Chemist, E & E, Seattle, WA *sb*

THRU: Mark Woodke, START-Chemist, E & E, Seattle, WA *MW*

SUBJ: **Organic Data Quality Assurance Review, Shades of Seattle Sites, Seattle, Washington.**

REF: TDD: 99-09-0007 PAN: DI0701SFDM

The data quality assurance review of 2 product samples collected from the Shades of Seattle sites, located in Seattle, Washington, has been completed. Analysis for Volatile Organic Compounds (EPA Method 5030/ 8260B modified) was performed by Sound Analytical Services, Tacoma, Washington.

The samples were numbered:

2	7
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Data Qualifications:

1. Sample Holding Times: Acceptable

All samples were maintained at 4°C ($\pm 2^\circ\text{C}$). The samples were collected on September 24, 1999 and analyzed on October 4, 1999, therefore meeting QC criteria of less than 14 days between collection and analysis. Water holding time QC criteria were applied to the product samples in the absence of product QC criteria.

2. GC/MS Tuning Criteria: Acceptable.

Bromofluorobenzene (BFB) tuning of the mass spectrometer was conducted at the beginning of the 12-hour analytical sequence. All calculations were verified as correct, all results were normalized to m/z 95 and were within the required criteria.

3. Initial Calibration: Satisfactory.

Calculations were verified as correct for at least one analyte per internal standard. All individual relative response factors (RRFs) and average RRFs for the initial calibration were greater than the 0.050 control limit. All percent relative standard deviations (%RSDs) were \leq the control limit of 30.0 % except the following:

ANALYTE	% RSD	ASSOCIATED SAMPLES	QUALIFIER
1,2,4-Trichlorobenzene	35.18	2,7	J/UJ

4. Continuing Calibration: Satisfactory.

Calculations were verified as correct for at least one analyte per internal standard. All individual RRFs for the continuing calibration were greater than the 0.050 control limit. All percent differences (% Ds) were \leq the control limit of 25.0 % except the following:

ANALYTE	% D	ASSOCIATED SAMPLES	QUALIFIER
1,3,5-Trimethylbenzene	-33.2	2,7	J/UJ

5. Internal Standards: Acceptable.

Areas of the internal standards were within the control limits of 50 % to 200 % of the associated 12-hour calibration standard. Retention times were within 30 seconds of the 12-hour standard retention times.

6. Error Determination: Not Performed.

Samples necessary for bias and precision determination were not provided to the laboratory. All samples were flagged RND (Recovery Not Determined) and PND (Precision Not Determined), although the flags are not found on the Form I's.

7. Blanks: Acceptable.

A method blank was analyzed at the required frequency. There were no detections in the blank.

8. System Monitoring Compounds (SMC): Acceptable.

All recoveries of the system monitoring compounds (surrogates) were greater than 10 % and within appropriate QC limits.

9. Performance Evaluation Samples: Not Provided.

Performance evaluation samples were not provided to the laboratory.

10. Matrix Spikes: Not Performed.

Matrix spike analysis was not performed for these samples. The lab was contacted regarding this issue, and the reviewer was informed that for this type of samples a matrix spike analysis would not provide accurate results. No action was taken by the reviewer.

11. Duplicates: Not Performed.

Neither matrix spike nor matrix spike duplicate analysis was performed for these samples. No action was taken by the reviewer.

12. Laboratory Control Sample: Not Performed.

Laboratory control sample analysis was not required.

13. Target Compound Identification: Acceptable.

All target compounds reported by the laboratory met identification criteria of relative retention times (RRT) within 0.06 RRT units of the 12 hour standard, all ions present in the standard mass spectrum were present in the sample mass spectrum, the abundance of these ions agreed within $\pm 20\%$ between the standard and sample spectrum, and all ions present at greater than 10 % in the sample mass spectrum but not in the standard mass spectrum were accounted for.

14. Tentatively Identified Compounds (TICs): Not Requested.

Tentatively Identified Compounds were not requested.

15. Target Compound Quantitation: Acceptable.

Concentrations of all reported analytes were correctly calculated.

16. Laboratory Contact: Required.

The laboratory was contacted on November 15, 1999 regarding matrix spike analysis. All issues were resolved after speaking with a laboratory representative.

17. Overall Assessment of Data for Use

The overall usefulness of the data is based on the criteria outlined in the OSWER Directive "Quality Assurance/Quality Control Guidance for Removal Activities, Data Validation Procedures" (EPA/540/G-90/004), and, when applicable, the Office of Emergency and Remedial Response Publication "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (EPA 540/R-94/012). Based upon the information provided, the data are acceptable for use with the above stated data qualifications.

Data Qualifiers and Definitions

- U - The material was analyzed for but was not detected. The associated numerical value is the estimated sample quantitation limit.
- J - The associated numerical value is an estimated quantity because the reported concentrations were less than the contract required detection limits or because quality control criteria limits were not met.
- UJ - The material was analyzed for, but not detected. The reported detection limit is estimated because Quality Control criteria were not met.

SOUND ANALYTICAL SERVICES, INC.

Client Name	Ecology & Environment
Client ID:	2
Lab ID:	84411-01
Date Received:	9/27/99
Date Prepared:	9/30/99
Date Analyzed:	10/4/99
% Solids	
Dilution Factor	1000

Volatile Organics by USEPA Method 5030/8260B Modified

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Dibromofluoromethane	95.9		80	120
Fluorobenzene	100		80	120
Toluene-D8	101		80	120
Ethylbenzene-d10	108		80	120
Bromofluorobenzene	107		80	120

Sample results are on an as received basis.

Analyte	Result (ug/kg)	PQL	MDL	Flags
Dichlorodifluoromethane	ND	U 15000	7600	
Chloromethane	ND	15000	7600	
Vinyl chloride	ND	15000	7600	
Bromomethane	ND	15000	7600	
Chloroethane	ND	15000	7600	
Trichlorofluoromethane	ND	15000	7600	
1,1-Dichloroethene	ND	15000	7600	
Methylene chloride	ND	15000	7600	
trans-1,2-Dichloroethene	ND	15000	7600	
1,1-Dichloroethane	ND	15000	7600	
2,2-Dichloropropane	ND	15000	7600	
cis-1,2-Dichloroethene	ND	15000	7600	
Bromochloromethane	ND	15000	7600	
Chloroform	ND	15000	7600	
1,1,1-Trichloroethane	ND	15000	7600	
Carbon Tetrachloride	ND	15000	7600	
1,1-Dichloropropene	ND	15000	7600	
Benzene	ND	15000	7600	
1,2-Dichloroethane	ND	15000	7600	
Trichloroethene	ND	15000	7600	
1,2-Dichloropropane	ND	15000	7600	
Dibromomethane	ND	15000	7600	
Bromodichloromethane	ND	15000	7600	
cis-1,3-Dichloropropene	ND	15000	7600	
Toluene	170000	15000	7600	
trans-1,3-Dichloropropene	ND	U 15000	7600	

11/15/99

SOUND ANALYTICAL SERVICES, INC.

Volatile Organics by USEPA Method 5030/8260B Modified data for 84411-01 continued...

Analyte	Result (ug/kg)		PQL	MDL	
1,1,2-Trichloroethane	ND	u	15000	7600	
Tetrachloroethene	ND	↓	15000	7600	
1,3-Dichloropropane	ND		15000	7600	
Dibromochloromethane	ND		15000	7600	
1,2-Dibromoethane	ND	↓	15000	7600	
Chlorobenzene	ND		15000	7600	
Ethylbenzene	170000		15000	7600	
1,1,1,2-Tetrachloroethane	ND	u	15000	15000	D
m,p-Xylene	570000		31000	7600	
o-Xylene	280000		15000	7600	
Styrene	ND	u	15000	7600	
Bromoform	ND	u	15000	7600	
Isopropylbenzene	120000		15000	7600	
Bromobenzene	ND	u	15000	7600	
n-Propylbenzene	140000		15000	7600	
1,1,2,2-Tetrachloroethane	ND	u	15000	7600	
1,2,3-Trichloropropane	ND	↓	15000	7600	
2-Chlorotoluene	ND		15000	7600	
1,3,5-Trimethylbenzene	510000		15000	7600	D
4-Chlorotoluene	ND	u	15000	7600	
t-Butylbenzene	190000		15000	7600	
1,2,4-Trimethylbenzene	1400000		15000	7600	D
sec-Butylbenzene	330000		15000	7600	
1,3-Dichlorobenzene	ND	u	15000	7600	
4-Isopropyltoluene	180000		15000	7600	
1,4-Dichlorobenzene	ND	u	15000	7600	
n-Butylbenzene	370000		15000	7600	
1,2-Dichlorobenzene	ND	u	15000	7600	
1,2-Dibromo-3-chloropropane	ND	↓	15000	7600	
1,2,4-Trichlorobenzene	ND		15000	7600	
Hexachlorobutadiene	ND	↓	15000	7600	
Naphthalene	98000		15000	7600	
1,2,3-Trichlorobenzene	ND	u	15000	7600	

SOUND ANALYTICAL SERVICES, INC.

Client Name	Ecology & Environment
Client ID:	7
Lab ID:	84411-02
Date Received:	9/27/99
Date Prepared:	9/30/99
Date Analyzed:	10/4/99
% Solids	
Dilution Factor	100000

Volatile Organics by USEPA Method 5030/8260B Modified

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
Dibromofluoromethane	97.4		80	120
Fluorobenzene	103		80	120
Toluene-D8	98.1		80	120
Ethylbenzene-d10	97.7		80	120
Bromofluorobenzene	99.5		80	120

Sample results are on an as received basis.

Analyte	Result (ug/kg)	PQL	MDL	Flags
Dichlorodifluoromethane	ND	1500000	760000	
Chloromethane	ND	1500000	760000	
Vinyl chloride	ND	1500000	760000	
Bromomethane	ND	1500000	760000	
Chloroethane	ND	1500000	760000	
Trichlorofluoromethane	ND	1500000	760000	
1,1-Dichloroethene	ND	1500000	760000	
Methylene chloride	ND	1500000	760000	
trans-1,2-Dichloroethene	ND	1500000	760000	
1,1-Dichloroethane	ND	1500000	760000	
2,2-Dichloropropane	ND	1500000	760000	
cis-1,2-Dichloroethene	ND	1500000	760000	
Bromochloromethane	ND	1500000	760000	
Chloroform	ND	1500000	760000	
1,1,1-Trichloroethane	ND	1500000	760000	
Carbon Tetrachloride	ND	1500000	760000	
1,1-Dichloropropene	ND	1500000	760000	
Benzene	ND	1500000	760000	
1,2-Dichloroethane	ND	1500000	760000	
Trichloroethene	ND	1500000	760000	
1,2-Dichloropropane	ND	1500000	760000	
Dibromomethane	ND	1500000	760000	
Bromodichloromethane	ND	1500000	760000	
cis-1,3-Dichloropropene	ND	1500000	760000	
Toluene	36000000	1500000	760000	
trans-1,3-Dichloropropene	ND	1500000	760000	

SOUND ANALYTICAL SERVICES, INC.

Volatile Organics by USEPA Method 5030/8260B Modified data for 84411-02 continued...

Analyte	Result (ug/kg)	PQL	MDL
1,1,2-Trichloroethane	ND	u 1500000	760000
Tetrachloroethene	ND	1500000	760000
1,3-Dichloropropane	ND	1500000	760000
Dibromochloromethane	ND	1500000	760000
1,2-Dibromoethane	ND	1500000	760000
Chlorobenzene	ND	1500000	760000
Ethylbenzene	11000000	u 1500000	760000
1,1,1,2-Tetrachloroethane	ND	3000000	1500000
m,p-Xylene	46000000	1500000	760000
o-Xylene	13000000	1500000	760000
Styrene	ND	1500000	760000
Bromoform	ND	1500000	760000
Isopropylbenzene	ND	1500000	760000
Bromobenzene	ND	1500000	760000
n-Propylbenzene	ND	1500000	760000
1,1,2,2-Tetrachloroethane	ND	1500000	760000
1,2,3-Trichloropropane	ND	1500000	760000
2-Chlorotoluene	ND	u 1500000	760000
1,3,5-Trimethylbenzene	ND	u 1500000	760000
4-Chlorotoluene	ND	u 1500000	760000
t-Butylbenzene	ND	u 1500000	760000
1,2,4-Trimethylbenzene	960000	u 1500000	760000
sec-Butylbenzene	ND	1500000	760000
1,3-Dichlorobenzene	ND	1500000	760000
4-Isopropyltoluene	ND	1500000	760000
1,4-Dichlorobenzene	ND	1500000	760000
n-Butylbenzene	ND	1500000	760000
1,2-Dichlorobenzene	ND	1500000	760000
1,2-Dibromo-3-chloropropane	ND	u 1500000	760000
1,2,4-Trichlorobenzene	ND	u 1500000	760000
Hexachlorobutadiene	ND	1500000	760000
Naphthalene	2300000	u 1500000	760000
1,2,3-Trichlorobenzene	ND	1500000	760000

rb
11/15/99

ATTACHMENT E

UNIFORM HAZARDOUS WASTE MANIFEST

Emergency Contact Telephone Number

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

WAH00000970450032

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

U.S. EPA Region 10
1200 6th Ave. E. 116
Seattle, WA 98101

SHADES OF SEATTLE PAINT CO.
FALE RD + DOWNS RD.
W. 522 - 520 H. 15311

4. Generator's Phone (98101)

206 553 0279

5. Transporter 1 Company Name

Foss Environmental Services

6. US EPA ID Number

WAH0000004540

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

PHILIP ENVIRONMENTAL
77th Avenue South
Kent, WA 98032

10. US EPA ID Number

WAD991281767

A. State Manifest Document Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone (206) 768-1434

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

(253) 872-7859

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

HM

a. X Waste Flammable liquid, n.o.s., 3, UN1993, PGII

12. Containers No. Type

4 D-M 550 P

13. Total Quantity

14. Unit Wt/Vol

Waste No. D001 F003 F005

J. Additional Descriptions for Materials Listed Above

11a) Profile 140430-14-00

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Contact Foss Environmental 24 Hour Emergency Service 800-337-7455
WEAR APPROPRIATE PROTECTIVE EQUIPMENT
ERG# 11a)

Job #

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

JEFFRY RODEN

Signature

Jeffry Roden

Month Day Year

09 13 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

GENERATOR'S COPY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year